

Supplemental Form PTO-1449  
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Patent and Trademark OfficeAttorney's Docket No.  
12489-003002Application No.  
09/874,166
**Information Disclosure Statement  
by Applicant**  
(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant

William Thomas Melvin et al.

Filing Date

June 4, 2001

Group Art Unit

1633

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	No
	AB							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
<i>JW</i>	AC	Döhr et al., "Different Response of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-Sensitive Genes in Human Breast Cancer MCF-7 and MDA-MB 231 Cells," Archives of Biochem and Biophysics, 321, 405-412, 1995
<i>JW</i>	AD	Jaiswal et al., "Human Dioxin-Inducible Cytochrome P <sub>450</sub> : Complementary DNA and Amino Acid Sequence," Science 228:80-83, 1985
<i>JW</i>	AE	Murray et al., "Cytochrome P450 Expression in Oesophageal Cancer," Gut 35:599-603, 1994
<i>JW</i>	AF	Weaver et al., "Cytochrome P450 2C9 is Responsible for Hydroxylation of the Naphthoquinone Antimalarial Drug 58C80 in Human Liver," Biochemical Pharmacology 46:1183-1197, 1993

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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. Patent Documents							
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<i>JW</i>	AA	5,422,243	6/1995	Jalkanen et al.	435	6	
	AB						

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
<i>JW</i>	AC	43 09 344	09/29/94	DE (abstract)	A61 K	31/66	
<i>JW</i>	AD	0 375 559	06/27/90	EP	C07J	31/00	
	AE						

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<i>JW</i>	AF	Albin et al., "Main Drug-metabolizing Enzyme Systems in Human Breast Tumors and Peritumoral Tissues", Cancer Research 53:3541-3546, 1993
	AG	Batra et al., "Biology of Disease Oncogenes and Anti-oncogenes in Human Central Nervous System Tumors", Laboratory Investigation 71:621-637, 1994
	AH	Bhattacharyya et al., The Journal of Biological Chemistry, Vol. 270, No. 19, pp. 11595-11602
	AI	Brake et al., Proc. Annu. Meet. Am. Assoc. Cancer Res., Vol. 36, pp. A1534
	AJ	Buchmann et al., "Development of Cytochrome P-450-altered Preneoplastic and Neoplastic Lesions during Nitrosamine-induced Hepatocarcinogenesis in the Rat", Cancer Research 47:2911-2918, 1987
	AK	Buchmann et al., "Regulation and Expression of Four Cytochrome P-450 Isoenzymes, NADPH-cytochrome P450 Reductase, the Glutathione Transferases B and C...", Carcinogenesis 6:513-521, 1985
	AL	Capdevila et al., "Cytochrome P450 and the Arachidonate Cascade", FASEB J. 6:731-736, 1992
	AM	Czerwinski et al., "Quantification of CYP2B7, CPY4B1, and CYPOR Messenger RNAs in Normal Human Lung and Lung Tumors", Cancer Research 54:1085-1091, 1994
	AN	Dallman et al., "Semi-quantitative PCR for the Analysis of Gene Expression", PCR A Practical Approach eds J. McPherson, P. Quirke and G.R. Taylor (IRL Press, Oxford) pp. 215-224
	AO	Ellington et al., "In Vitro Selection of RNA Molecules that Bind Specific Ligands", Nature 346:818-822, 1990
	AP	Gonzalez et al., "Role of Human Cytochromes P450 in the Metabolic Activation of Chemical Carcinogens and Toxins", Drug Metabolism Reviews 26:165-183, 1994
	AQ	Guengerich, "Metabolic Activation of Carcinogens", Pharac. Ther. 54:17-61, 1992
<i>JW</i>	AR	Guengerich, "Oxidation of Toxic and Carcinogenic Chemicals by Human Cytochrome P-450 Enzymes", Chemical Research in Toxicology 4:391-407, 1991

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<i>JW</i>	<i>3-4-04</i>
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<i>JF</i>	AS	Guengerich, "Roles of Cytochrome P-450 Enzymes in Chemical Carcinogenesis and Cancer Chemotherapy", Cancer Research 48:2946-2954, 1988	
	AT	Horikoshi et al., "Quantitation of Thymidylate Synthase, Dihydrofolate Reductase, and DT-Diaphorase Gene Expression in Human Tumors Using the Polymerase Chain Reaction", Cancer Research 52:108-116, 1992	
	AU	Jaiswal et al., "Human P <sub>450</sub> : cDNA and Complete Amino Acid Sequence", Nucleic Acid Research 14:6773-6774, 1986	
	AV	Janot et al., "Principal Xenobiotic-metabolizing Enzyme Systems in Human Head and Neck Squamous Cell Carcinoma", Carcinogenesis 14:1279-1283, 1993	
	AW	Kaminsky et al., "Small Intestinal Cytochromes P450", Crit. Rev. Toxicol. 21:407-422, 1992	
	AX	Kawajiri et al., "P450 and Human Cancer", Jpn. J. Cancer Research, 82:1325-1335, 1991	
	AY	Kivistö et al., "The Role of Human Cytochrome P450 Enzymes in the Metabolism of Anticancer Agents: Implications for Drug Interactions", Brit. J. Clin. Pharmacol. 40:523-530, 1995	
	AZ	Krontiris, "Molecular Medicine Oncogenes", The New England Journal of Medicine 333:303-306, 1995	
	AAA	Le Blanc et al., "Interaction of Anticancer Drugs with Hepatic Monoxygenase Enzymes", Drug Metabolism Reviews 20:395-439, 1989	
	ABB	Laemmli, "Cleavage of Structural Proteins During the Assembly of the Head of Bacteriophage T4", Nature 227:680-685, 1970	
	ACC	Lowry et al., "Protein Measurement with the Folin Phenol Reagent", J. Biol. Chem. 193:265-275, 1951	
	ADD	McKay et al., "Expression of Cytochrome P450 CYP1B1 in Breast Cancer", FEBS Letters 374:270-272, 1995	
	AEE	McKay et al., "Localization of Microsomal Epoxide Hydrolase in Normal and Neoplastic Human Kidney", The Journal of Histochemistry and Cytochemistry 43:615-620, 1995	
	AFF	Massad et al., "Comparison of Mouse and Human Colon Tumors with Regard to Phase I and Phase II Drug-Metabolizing Enzyme Systems", Cancer Research 52:6567-6575, 1992	
	AGG	Mekhail Ishak et al., "Implications for Therapy of Drug-metabolizing Enzymes in Human Colon Cancer", Cancer Research 49:4866-4869, 1989	
	AHH	Miller, "Molecular Biology of Steroid Hormone Synthesis", Endocrine Rev. 9:265-318, 1988	
	AII	Murray et al., "Cytochrome P450 Expression is a Common Molecular Event in Soft Tissue Sarcomas", Journal of Pathology 171:49-52, 1993	
	AJJ	Murray et al., "Expression of Cytochrome P450IA in Breast Cancer", Br. J. Cancer 63:1021-1023, 1991	
	AKK	Murray et al., "Commentary Immunohistochemistry of Drug-Metabolizing Enzymes", Biochemical Pharmacology 50:895-903, 1995	
	ALL	Nedelcheva et al., "P450 in the Rat and Man: Methods of Investigation, Substrate Specificities and Relevance to Cancer", Xenobiotica 24:1151-1175, 1994	
	AMM	Nelson et al., "P450 Superfamily: Update on New Sequences, Gene Mapping, Accession Numbers and Nomenclature", Pharmacogenetics 6:1-42, 1996	
<i>JF</i>	ANN	Oliw, "Oxygenation of Polyunsaturated Fatty Acids by Cytochrome P450 Monooxygenases", Prog. Lipid Res. 33:329-354, 1994	

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<i>JCH</i>	AOO	Otto et al., "A Novel Adrenocorticotropin-Inducible Cytochrome P450 from Rat Adrenal Microsomes Catalyzes Polycyclic Aromatic Hydrocarbon Metabolism", Endocrinology 129:970-982, 1991	
	APP	Peters et al., "Expression of Drug-Metabolizing Enzymes and P-170 Glycoprotein in Colorectal Carcinoma and Normal Mucosa", Gastroenterology 103:448-455, 1992	
	AQQ	Ponz de Leon, "Oncogenes and Tumor Suppressor Genes", Recent Res. Cancer Res. 136:35-47, 1994	
	ARR	Roomi et al., "A Common Biochemical Pattern in Preneoplastic Hepatocyte Nodules Generated in Four Different models in the Rat", Cancer Research 45:564-571, 1985	
	ASS	Schuetz et al., "Expression of Cytochrome P450 3A in Amphibian, Rat, and Human Kidney", Archives of Biochemistry and Biophysics", 294:206-214, 1992	
	ATT	Schweikl et al., "Expression f CYP1A1 and CYP1A2 Genes in Human Liver", Pharmacogenetics 3:239-249, 1993	
	AUU	Sesardic et al., "Differential Expression and Regulation fo Members of the Cytochrome P450IA Gene Subfamily in Human Tissues", Carcinogenesis 11:1183-1188, 1990	
	AVV	Spink et al., "17β-Estradiol Hydroxylation Catalyzed by Human Cytochrome P450 1A1: A Comparison of the Activities Induced by 2, 3, ....", Archives of Biochemistry and Biophysics 293:342-348, 1992	
	AWW	Sutter et al., "Complete cDNA Sequence of a Human Dioxin-Inducible mRNA Identifies a New Gene Subfamily of Cytochrome P450 That Maps to Chromosome 2", The Journal of Biological Chemistry 269:13092-13099, 1994	
	AXX	Taylor et al., "Cytochrome P450 1B1 Expression in Human Malignant Tumors", Biochemical Society Transactions 24:328S, 1996	
	AYY	Toussaint et al., "Main Drug- and Carcinogen-metabolizing Enzyme Systems in Human Non-Small Cell Lung Cancer and Peritumoral Tissues", Cancer Research 53:4608-4612, 1993	
	AZZ	Towbin et al., "Electrophoretic Transfer of Proteins from Polyacrylamide Gels to Nitrocel Lulose Sheets: Procedure and Some Applications", Proc. Natl. Acad. Sci. USA 76:4350-4354, 1979	
	AAAA	Wang et al., "Hypoxia-inducible Factor 1 is a Basic-helix-loop-helix-PAS Heterodimer Regulated by Cellular O <sub>2</sub> Tension", Proc. Natl. Acad. Sci. USA 92:5510-5514, 1995	
	ABBB	Waziers et al., "Drug-metabolizing Enzyme Expression in Human Normal, Peritumoral and Tumoral Colorectal Tissue Samples", Carcinogenesis 12:905-909, 1991	
	ACCC	Weaver et al., "A Comparative Study of Constitutive and Induced Alkoxyresorufin O-Dealkylation and Individual Cytochrome P450 Forms in Cynomolgus Monkey...", Biochemical Pharmacology 47:763-773, 1994	
	ADDD	Whitlock et al., "Induction of Cytochrome P4501A1: A Model for Analyzing Mammalian Gene Transcription", FASEB J. 10:809-818, 1996	
	EEEE	Williamson, "Aptly Named Aptamers Display Their Aptitude", Nature 382:112-113, 1996	
<i>JCH</i>	AFFF	Wrighton et al., "The Human Hepatic Cytochromes P450 Involved in Drug Metabolism", Critical Reviews in Toxicology 22:1-21, 1992	

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<i>JCH</i>	3-9-04
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